

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

21265P

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/550111

INTERNATIONAL APPLICATION NO.
PCT/US2004/007831

INTERNATIONAL FILING DATE
12 March 2004

PRIORITY DATE CLAIMED
18 March 2003

TITLE OF INVENTION
TETRAHYDROPYRANYL CYCLOPENTYL HETEROCYCLIC AMIDE MODULATORS OF CHEMOKINE RECEPTOR
ACTIVITY

APPLICANT(S) FOR DO/EO/US

Stephen D. Goble, Alexander Pasternak, Sander G. Mills, Changyou Zhou, Lihu Yang

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (PCT Article 31).
5. ☒ A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].
 - a. ☐ is attached hereto
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9. ☒ An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 to 20 below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 37 CFR 1.840.
19. ☐ A second copy of the English language translation of the international application.
20. ☐ Other items or information:

with PCT Rule 132. ~~CONFIDENTIAL~~ 1.821 - 1.825
DATE OF RECEIPT 9/16/2005
BY (4) ET 989591383 US
INTERNATIONAL BUREAU OF PATENT COOPERATION
IS BEING DEPOSITED WITH THE UNITED STATES PATENT
SERVICE AS EXEMPT MAIL "NOT OFFICE TO
ADDRESSEE" BEFORE 9 P.M. ON THE ABOVE DATE IN
AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER
FOR PATENTS, WASHINGTON, D.C. 20591.
MAILED BY *G. Hester*
DATE 9/16/05

JC05 Rec'd PCT/PTO 19 SEP 2005

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold; text-align: center;">10/550111</div>		INTERNATIONAL APPLICATION NO. PCT/US2004/007831		ATTORNEY'S DOCKET NUMBER 21265P	
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The following fees are submitted:				CALCULATIONS	PTO USE ONLY
21.	<input checked="" type="checkbox"/> Basic national fee.....		\$300	\$300.00	
22.	<input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....		\$0		
	All other situations.....		\$200	\$0.00	
23.	<input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....		\$0		
	Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority.....		\$100	\$0.00	
	International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB		\$400		
	All other situations.....		\$500		
TOTAL OF 21, 22 and 23=				\$300.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
142 - 100 =	42 /50	0.84 = 1	X \$250.00	\$250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	37 - 20 =	17	X \$50.00	\$850.00	
Independent Claims	1 - 3 =	0	X \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00		
TOTAL OF ABOVE CALCULATIONS (SUBTOTAL)				=	\$1,400.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
TOTAL NATIONAL FEE				=	\$1,400.00
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				+	
TOTAL FEES ENCLOSED				=	\$1,400.00
				Amount to be refunded:	
				Amount to be charged:	

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 13-2755 in the amount of \$1,400.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. 13-2755. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 000210

MERCK & CO., INC.
Patent Department, RY60-30
P.O. Box 2000
126 East Lincoln Avenue
Rahway, New Jersey 07065-0970

DATE: September 19, 2005

PHONE #: (732) 594-2675

SIGNATURE

David A. Rubin

NAME

40.314

REGISTRATION NUMBER